

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A device, comprising:
a storage device for storing a plurality of data resources;
a file system for organizing the plurality of data resources stored in the storage device;
and
a user interface for providing user access to the plurality of data resources;
wherein the file system comprises one or more locations comprising directly addressable data resources and one or more locations comprising indirectly addressable data resources, the indirectly addressable data resources being accessible through a data provider, the file system being configured, in use, to provide a single interface from the user interface to both directly addressable data resources and indirectly addressable data resources; and
wherein the file system comprises a single root that includes both the directly addressable data resources and the indirectly addressable data resources.
2. (Original) A device according to claim 1, wherein the directly addressable data resources comprise data content files which, in use, are displayed within the user interface.
3. (Previously presented) A device according to claim 1, wherein the indirectly addressable data resources comprise a database and, in use, the result of one or more queries is displayed within the user interface.
4. (Previously presented) A device according to claim 1, wherein the indirectly addressable data resources comprise a mark-up language element and, in use, the mark-up language element is rendered and the associated result is displayed within the user interface.

5. (Currently amended) A method of for storing a plurality of data resources within a file system of a device, the method comprising the steps of:

defining one or more locations comprising one directly addressable data resources;

defining one or more locations comprising indirectly addressable data resources, the indirectly addressable data resources being accessible through a data provider;

wherein file system provides a single interface from [[the]] a user interface to access both the directly addressable data resources and indirectly addressable data resources access, and wherein the file system comprises a single root that includes both the directly addressable data resources and the indirectly addressable data resources.

6. (Original) A method according to claim 5, wherein the method comprises the further step of accessing a directly addressable data resource such that the content of the data resource is displayed within the user interface.

7. (Original) A method according to claim 5, wherein the method comprises the further step of accessing an indirectly addressable data resource, the data resource comprising a database such that the result(s) of a database query is displayed within the user interface.

8. (Original) A method according to claim 5, wherein the method comprises the further step of accessing an indirectly addressable data resource, the data resource comprising a mark-up language element such that the mark-up language element is rendered and the associated result is displayed within the user interface.

9. (Canceled)

10. (Currently amended) An apparatus configured to store a plurality of data resources within a file system of a device, comprising:

means for defining one or more locations comprising one directly addressable data resources; and

means for defining one or more locations comprising indirectly addressable data resources, the indirectly addressable data resources being accessible through a data provider;

wherein file system provides a single interface from [[the]] a user interface to access both the directly addressable data resources and indirectly addressable data resources access; and

wherein the file system comprises a single root that includes both the directly addressable data resources and the indirectly addressable data resources.

11. (Previously presented) The apparatus of claim 10, wherein the directly addressable data resources comprise data content files which, in use, are displayed within the user interface.

12. (Previously presented) The apparatus of claim 10, wherein the indirectly addressable data resources comprise a database and, in use, the result of one or more queries is displayed within the user interface.

13. (Previously presented) The apparatus of claim 10, wherein the indirectly addressable data resources comprise a mark-up language element and, in use, the mark-up language element is rendered and the associated result is displayed within the user interface.

14. (Currently amended) A computer program product, comprising:
a non-transitory computer-readable storage medium configured to store a plurality of data resources within a file system of a device comprising:

a first set of instructions for causing a computer to define one or more locations comprising one directly addressable data resources;

a second set of instructions for causing the computer to define one or more locations comprising indirectly addressable data resources, the indirectly addressable data resources being accessible through a data provider;

wherein file system provides a single interface from [[the]] a user interface to access both the directly addressable data resources and indirectly addressable data resources access; and

wherein the file system comprises a single root that includes both the directly addressable data resources and the indirectly addressable data resources.

15. (Previously presented) The computer program product of claim 14, wherein the directly addressable data resources comprise data content files which, in use, are displayed within the user interface.

16. (Previously presented) The computer program product of claim 14, wherein the indirectly addressable data resources comprise a database and, in use, the result of one or more queries is displayed within the user interface.

17. (Previously presented) The computer program product of claim 14, wherein the indirectly addressable data resources comprise a mark-up language element and, in use, the mark-up language element is rendered and the associated result is displayed within the user interface.

18. (New) A device according to claim 1, wherein the user interface comprises a plurality of hierarchical planes, wherein a display of a first user interface element from a higher one of the plurality of hierarchical planes in a portion of the user interface takes preference over a second user interface element from a lower one of the plurality of hierarchical planes.

19. (New) A device according to claim 18, wherein the plurality of hierarchical planes include a first plane corresponding to a mobile network operator, a second plane corresponding to a device manufacturer, a third plane corresponding to a software provider, and a fourth plane corresponding to a device user, wherein the first plane has priority over the second plane, the second plane has priority over the third plane, and the third plane has priority over the fourth plane.

20. (New) A device according to claim 1, further comprising an update manager configured to read an update packet that comprises an update to the file system, wherein the update manager is further configured to generate a network thread and a renderer thread to unpack and install the update, wherein the network thread performs an amount of the update processing.

21. (New) A device according to claim 20, wherein the amount of the update processing is sufficient to interrupt the renderer thread for a shortest possible amount of time.

22. (New) A method according to claim 5, wherein the user interface comprises a plurality of hierarchical planes, further comprising displaying a first user interface element from a higher one of the plurality of hierarchical planes in a portion of the user interface with a preference over a second user interface element from a lower one of the plurality of hierarchical planes.

23. (New) A method according to claim 22, wherein the plurality of hierarchical planes include a first plane corresponding to a mobile network operator, a second plane corresponding to a device manufacturer, a third plane corresponding to a software provider, and a fourth plane corresponding to a device user, wherein the first plane has priority over the second plane, the second plane has priority over the third plane, and the third plane has priority over the fourth plane.

24. (New) A method according to claim 5, further comprising reading an update packet that comprises an update to the file system, and generating a network thread and a renderer thread to unpack and install the update, wherein the network thread performs an amount of the update processing.

25. (New) A method according to claim 24, wherein the amount of the update processing is sufficient to interrupt the renderer thread for a shortest possible amount of time.

26. (New) The apparatus according of claim 10, wherein the user interface comprises a plurality of hierarchical planes, further comprising means for displaying a first user interface element from a higher one of the plurality of hierarchical planes in a portion of the user interface with a preference over a second user interface element from a lower one of the plurality of hierarchical planes.

27. (New) The apparatus according of claim 26, wherein the plurality of hierarchical planes include a first plane corresponding to a mobile network operator, a second plane corresponding to a device manufacturer, a third plane corresponding to a software provider, and a fourth plane corresponding to a device user, wherein the first plane has priority over the second plane, the second plane has priority over the third plane, and the third plane has priority over the fourth plane.

28. (New) The apparatus according of claim 10, further comprising means for reading an update packet that comprises an update to the file system, and means for generating a network thread and a renderer thread to unpack and install the update, wherein the network thread performs an amount of the update processing.

29. (New) The apparatus according of claim 28, wherein the amount of the update processing is sufficient to interrupt the renderer thread for a shortest possible amount of time.

30. (New) The computer program product of claim 14, wherein the user interface comprises a plurality of hierarchical planes, further comprising a third set of instructions for causing the computer to display a first user interface element from a higher one of the plurality of hierarchical planes in a portion of the user interface with a preference over a second user interface element from a lower one of the plurality of hierarchical planes.

31. (New) The computer program product of claim 30, wherein the plurality of hierarchical planes include a first plane corresponding to a mobile network operator, a second plane corresponding to a device manufacturer, a third plane corresponding to a software provider, and a fourth plane corresponding to a device user, wherein the first plane has priority over the second plane, the second plane has priority over the third plane, and the third plane has priority over the fourth plane.

32. (New) The computer program product of claim 14, further comprising a third set of instructions for causing the computer to read an update packet that comprises an update to the file system, and a fourth set of instructions for causing the computer to generate a network thread

and a renderer thread to unpack and install the update, wherein the network thread performs an amount of the update processing.

33. (New) The computer program product of claim 32, wherein the amount of the update processing is sufficient to interrupt the renderer thread for a shortest possible amount of time.